

From: [Jon Rauscher](#)
To: [Matthew Loesel](#); [Valmichael Leos](#); [Paige Delgado](#); [Eric Delgado](#)
Cc: [Philip Turner](#); [Marc Greenberg](#); [R6 DWH REOC ESC@EPA](#)
Subject: TPH and hydrocarbon test kits
Date: 05/28/2010 11:20 AM
Attachments: [RaPID ASSAY t00102.pdf](#)
[CTPN200525_RaPID BTEXandTPH.pdf](#)

The enzyme linked immunosorbant assays (ELISA) test kits appear to be the most promising field analysis. The colorimetric test kits using the Friedel-Crafts reaction (e.g., Hanby Test Kit) receive poor evaluations and do not appear to be promising for field analysis.

The ELISA test kit that received good evaluations is the SDI BTEX/TPH RaPID Assay Kits. The limitations of the RaPID kits is the need for electrical power (120 volt) and is the inability to differentiate between BTEX and related compounds.



[RaPID ASSAY t00102.pdf](#) [CTPN200525_RaPID BTEXandTPH.pdf](#)